

# National Library of Medicine - Medical Subject Headings

2005 MeSH

## MeSH Descriptor Data

[Return to Entry Page](#)

<b>MeSH Heading</b>	Interferon Alfa-2a
<b>Tree Number</b>	D12.776.467.750.500.125.100
<b>Tree Number</b>	D12.776.467.750.500.250.100
<b>Tree Number</b>	D12.776.828.200.100
<b>Tree Number</b>	D24.611.350.440.890.125.100
<b>Tree Number</b>	D24.611.350.440.890.250.100
<b>Annotation</b>	spelling "alfa" is commonly used for recombinant form
<b>Scope Note</b>	A recombinant alfa interferon consisting of 165 amino acids with lysine at position 23 and histidine at position 34. It is used extensively as an antiviral and antineoplastic agent.
<b>Entry Term</b>	Recombinant Interferon Alfa-2a
<b>Entry Term</b>	Recombinant Interferon alpha-2a
<b>Entry Term</b>	Ro 22-8181
<b>Entry Term</b>	Roferon-A
<b>Allowable Qualifiers</b>	AA AD AE AG AI AN BI BL CF CH CL CS CT DE DU EC GE HI IM IP ME PD PK PO RE SD SE ST TO TU UL UR
<b>Pharm. Action</b>	Angiogenesis Inhibitors
<b>Pharm. Action</b>	Antineoplastic Agents
<b>Pharm. Action</b>	Antiviral Agents
<b>Registry Number</b>	76543-88-9
<b>Previous Indexing</b>	<a href="#">Interferon Type I (1983-1988)</a>
<b>Previous Indexing</b>	<a href="#">Recombinant Proteins (1986-1988)</a>
<b>History Note</b>	91(89); was see under INTERFERON ALFA, RECOMBINANT 1989-90
<b>Unique ID</b>	D015380

## MeSH Tree Structures

Amino Acids, Peptides, and Proteins [D12]Proteins [D12.776]Intercellular Signaling Peptides and Proteins [D12.776.467]Interferons [D12.776.467.750]Interferon Type I [D12.776.467.750.500]Interferon Type I, Recombinant [D12.776.467.750.500.125]

► Interferon Alfa-2a  
[D12.776.467.750.500.125.100]

Interferon Alfa-2b  
[D12.776.467.750.500.125.150]

Interferon Alfa-2c  
[D12.776.467.750.500.125.200]

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Amino Acids, Peptides, and Proteins [D12]Proteins [D12.776]Intercellular Signaling Peptides and Proteins [D12.776.467]Interferons [D12.776.467.750]Interferon Type I [D12.776.467.750.500]Interferon-alpha [D12.776.467.750.500.250]

► Interferon Alfa-2a [D12.776.467.750.500.250.100]

Interferon Alfa-2b [D12.776.467.750.500.250.150]

Interferon Alfa-2c [D12.776.467.750.500.250.200]

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Amino Acids, Peptides, and Proteins [D12]Proteins [D12.776]Recombinant Proteins [D12.776.828]Interferon Type I, Recombinant [D12.776.828.200]

► Interferon Alfa-2a [D12.776.828.200.100]

Interferon Alfa-2b [D12.776.828.200.150]

Interferon Alfa-2c [D12.776.828.200.201]

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Immunologic and Biological Factors [D24]Immunologic Factors [D24.611]Cytokines [D24.611.350]Interferons [D24.611.350.440]Interferon Type I [D24.611.350.440.890]Interferon Type I, Recombinant [D24.611.350.440.890.125]

► Interferon Alfa-2a  
[D24.611.350.440.890.125.100]

Interferon Alfa-2b

[\[D24.611.350.440.890.125.150\]](#)

[Interferon Alfa-2c](#)

[\[D24.611.350.440.890.125.200\]](#)

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[Immunologic and Biological Factors \[D24\]](#)

[Immunologic Factors \[D24.611\]](#)

[Cytokines \[D24.611.350\]](#)

[Interferons \[D24.611.350.440\]](#)

[Interferon Type I \[D24.611.350.440.890\]](#)

[Interferon-alpha \[D24.611.350.440.890.250\]](#)

▶ [Interferon Alfa-2a \[D24.611.350.440.890.250.100\]](#)

[Interferon Alfa-2b \[D24.611.350.440.890.250.150\]](#)

[Interferon Alfa-2c \[D24.611.350.440.890.250.200\]](#)

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[Return to Entry Page](#)

[Link to NLM Cataloging Classification](#)

# National Library of Medicine - Medical Subject Headings

2005 MeSH

## MeSH Descriptor Data

[Return to Entry Page](#)

<b>MeSH Heading</b>	Interferon Alfa-2b
<b>Tree Number</b>	D12.776.467.750.500.125.150
<b>Tree Number</b>	D12.776.467.750.500.250.150
<b>Tree Number</b>	D12.776.828.200.150
<b>Tree Number</b>	D24.611.350.440.890.125.150
<b>Tree Number</b>	D24.611.350.440.890.250.150
<b>Annotation</b>	spelling "alfa" is commonly used for for recombinant form; do not confuse X ref INTRON A (INTERFERON) with INTRONS.
<b>Scope Note</b>	A recombinant alfa interferon consisting of 165 amino acid residues with arginine in position 23 and histidine in position 34. It is used extensively as an antiviral and antineoplastic agent.
<b>Entry Term</b>	Recombinant Interferon Alfa-2b
<b>Entry Term</b>	Intron A (Interferon)
<b>Entry Term</b>	Recombinant Interferon alpha-2b
<b>Entry Term</b>	Sch-30500
<b>Allowable Qualifiers</b>	AA AD AE AG AI AN BI BL CF CH CL CS CT DE DU EC GE HI IM IP ME PD PK PO RE SD SE ST TO TU UL UR
<b>Pharm. Action</b>	<u>Angiogenesis Inhibitors</u>
<b>Pharm. Action</b>	<u>Antineoplastic Agents</u>
<b>Pharm. Action</b>	<u>Antiviral Agents</u>
<b>CAS Type 1 Name</b>	Inteferon alpha 2b (human leukocyte clone Hif-SN 206 protein moiety reduced).
<b>Registry Number</b>	99210-65-8
<b>Previous Indexing</b>	<u>Interferon Type I</u> (1983-1988)
<b>Previous Indexing</b>	<u>Recombinant Proteins</u> (1986-1988)
<b>History Note</b>	91(89); was see under INTERFERON ALFA, RECOMBINANT 1989-90
<b>Unique ID</b>	D015381

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## MeSH Tree Structures

### Amino Acids, Peptides, and Proteins [D12]

#### Proteins [D12.776]

##### Intercellular Signaling Peptides and Proteins [D12.776.467]

##### Interferons [D12.776.467.750]

##### Interferon Type I [D12.776.467.750.500]

##### Interferon Type I, Recombinant [D12.776.467.750.500.125]

##### Interferon Alfa-2a

[D12.776.467.750.500.125.100]

##### ► Interferon Alfa-2b

[D12.776.467.750.500.125.150]

##### Interferon Alfa-2c

[D12.776.467.750.500.125.200]

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### Amino Acids, Peptides, and Proteins [D12]

#### Proteins [D12.776]

##### Intercellular Signaling Peptides and Proteins [D12.776.467]

##### Interferons [D12.776.467.750]

##### Interferon Type I [D12.776.467.750.500]

##### Interferon-alpha [D12.776.467.750.500.250]

##### Interferon Alfa-2a [D12.776.467.750.500.250.100]

##### ► Interferon Alfa-2b [D12.776.467.750.500.250.150]

##### Interferon Alfa-2c [D12.776.467.750.500.250.200]

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### Amino Acids, Peptides, and Proteins [D12]

#### Proteins [D12.776]

##### Recombinant Proteins [D12.776.828]

##### Interferon Type I, Recombinant [D12.776.828.200]

##### Interferon Alfa-2a [D12.776.828.200.100]

##### ► Interferon Alfa-2b [D12.776.828.200.150]

##### Interferon Alfa-2c [D12.776.828.200.201]

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### Immunologic and Biological Factors [D24]

#### Immunologic Factors [D24.611]

##### Cytokines [D24.611.350]

##### Interferons [D24.611.350.440]

[Interferon Type I \[D24.611.350.440.890\]](#)

[Interferon Type I, Recombinant \[D24.611.350.440.890.125\]](#)

[Interferon Alfa-2a](#)

[\[D24.611.350.440.890.125.100\]](#)

► [Interferon Alfa-2b](#)

[\[D24.611.350.440.890.125.150\]](#)

[Interferon Alfa-2c](#)

[\[D24.611.350.440.890.125.200\]](#)

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[Immunologic and Biological Factors \[D24\]](#)

[Immunologic Factors \[D24.611\]](#)

[Cytokines \[D24.611.350\]](#)

[Interferons \[D24.611.350.440\]](#)

[Interferon Type I \[D24.611.350.440.890\]](#)

[Interferon-alpha \[D24.611.350.440.890.250\]](#)

[Interferon Alfa-2a \[D24.611.350.440.890.250.100\]](#)

► [Interferon Alfa-2b \[D24.611.350.440.890.250.150\]](#)

[Interferon Alfa-2c \[D24.611.350.440.890.250.200\]](#)

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[Return to Entry Page](#)

[Link to NLM Cataloging Classification](#)